Commonwealth of Virginia

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

TIDEWATER REGIONAL OFFICE
5636 Southern Boulevard, Virginia Beach, Virginia 23462
(757) 518-2000 FAX (804) 698-4178
www.deq.virginia.gov

Matthew J. Strickler
Secretary of Natural Resources

David K. Paylor
Director
(804) 698-4000

Craig R. Nicol
Regional Director

March 16, 2021

Mr. Eric D. Beach
Production Manager
Eastman Chemical Resins Incorporated
27123 Shady Brook Trail
Courtland, Virginia 23837

Location: Southampton County
Registration No.: 61433

Dear Mr. Beach:

Attached is a renewal Title V permit to operate your facility pursuant to 9VAC5 Chapter 80 Article 1 of the Virginia Regulations for the Control and Abatement of Air Pollution. The attached permit will be in effect beginning March 16, 2021.

In the course of evaluating the application and arriving at a final decision to issue this permit, the Department of Environmental Quality (DEQ) deemed the application complete on March 29, 2016 and solicited written public comments by placing a newspaper advertisement in The Tidewater News on Wednesday, January 27, 2021. The thirty-day required comment period, provided for in 9VAC5-80-270, expired on Friday, February 26, 2021.

This permit contains legally enforceable conditions. Failure to comply may result in a Notice of Violation and/or civil charges. Please read all permit conditions carefully.

This permit approval to operate shall not relieve Eastman Chemical Resins Incorporated of the responsibility to comply with all other local, state, and federal permit regulations.

The Board's Regulations as contained in Title 9 of the Virginia Administrative Code 5-170-200 provide that you may request a formal hearing from this case decision by filing a petition with the Board within 30 days after this case decision notice was mailed or delivered to you. Please consult the relevant regulations for additional requirements for such requests.

As provided by Rule 2A:2 of the Supreme Court of Virginia, you have 30 days from the date you actually received this permit or the date on which it was mailed to you, whichever occurred first, within which to initiate an appeal of this decision by filing a Notice of Appeal with:

David K. Paylor, Director
Department of Environmental Quality
PO Box 1105
Richmond, VA 23218

If this permit was delivered to you by mail, three days are added to the thirty-day period in which to file an appeal. Please refer to Part Two A of the Rules of the Supreme Court of Virginia for information on the required content of the Notice of Appeal and for additional requirements governing appeals from decisions of administrative agencies.

If you have any questions concerning this permit, please contact Jeremy Funkhouser at Jeremy.Funkhouser@deq.virginia.gov or by telephone at (540) 574-7820.

Sincerely,

Craig R. Nicol
Regional Director

CRN/JWF/61433_009_21_T5R_Eastman_CvrLtr.docx

Attachment: Permit

cc: File DEQ - TRO
Air Compliance Inspector (electronic file submission)
Director, OAPP (electronic file submission)
Manager, Data Analysis (electronic file submission)
Chief, Permits and Technical Assessment Branch (3AP11), U.S. EPA, Region III (electronic file submission)

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Federal Operating Permit
Article 1

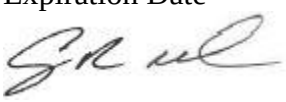
This permit is based upon the requirements of Title V of the Federal Clean Air Act and Chapter 80, Article 1, of the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution. Until such time as this permit is reopened and revised, modified, revoked, terminated or expires, the permittee is authorized to operate in accordance with the terms and conditions contained herein. This permit is issued under the authority of Title 10.1, Chapter 13, §10.1-1322 of the Air Pollution Control Law of Virginia. This permit is issued consistent with the Administrative Process Act, and 9VAC5-80-50 through 9VAC5-80-300, of the State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution of the Commonwealth of Virginia.

Authorization to operate a Stationary Source of Air Pollution as described in this permit is hereby granted to:

Permittee Name:	Eastman Chemical Resins, Inc.
Facility Name:	Eastman Chemical Resins, Inc. - Franklin, VA
Facility Location:	27123 Shady Brook Trail Courtland, Virginia 23837-2034
Registration Number:	61433
Permit Number:	TRO-61433

This permit includes the following programs:
Federally Enforceable Requirements - Clean Air Act (Pages 3 through 31)
State Only Enforceable Requirements (Page 32)

March 16, 2021
Effective Date
March 15, 2026
Expiration Date



_____ **March 16, 2021**
Craig R. Nicol, Regional Director Signature Date

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Facility Information

Permittee
Eastman Chemical Resins Inc.
P.O. Box 511
Kingsport, TN 37662

Responsible Official
John L. Mitchell
Production Manager

Facility
Eastman Chemical Resins Inc., Franklin, VA
27123 Shady Brook Trail
Courtland, VA 23837-2034

Contact Person
John L. Mitchell
Production Manager
757-569-2946

Federal Identification Number: VA0000005117500057

NAICS: 325191 - Gum and Wood Chemical Manufacturing
SIC: 2861 - Gum and Wood Chemicals

Facility Description

The manufacturing process at the facility is the Pamolyn process with a design capacity of 40 million lbs products/year. Crystallization procedure produces saturated fatty acids, oleic acids and linoleic acids from tall oil fatty acids purchased from external suppliers. Additional products are produced by the conjugation procedure. The process is a continuous process that operates 24 hours per day, 365 days per year.

Facility operates a wastewater treatment plant with a biological treatment system to treat wastewater from the manufacturing process and surface runoff. The treated wastewater (0.15 million gallons/day maximum on an annual average) and non-contact cooling water (approximately 7 million gallons/day) are discharged to the neighboring Solenis LLC permitted outfall.

Refrigeration for the crystallization is provided by an ammonia based refrigeration system. Heat for the conjugation step is provided by an electric vaporizer which uses Xceltherm MK1 or equivalent as the heat exchanger fluid.

The facility has a State Operating Permit dated October 18, 2010 with a facility-wide VOC emission limit of 18.8 tons/year. No other criteria pollutants are emitted in significant amounts.

Emission Units

Two letters are used to identify each process: PM for Pamolyn process, and WW for Wastewater treatment process. A third letter "E" denotes emission from the process. The next two numbers are consecutive numbers used to indicate a group of units with common function. For example PME01 represents the emission group in the first step (step 01) of the Pamolyn process. Most individual emission units such as process tanks or storage tanks under each group qualify as insignificant activities, hence they are listed under that section (Section VI). There are no pollution control devices.

Process Equipment to be operated consists of:

PAMOLYN PROCESS, 1969, 40 million lbs products/year

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
PME01	Common headers: P102/P104/P105/ P106/P108 and S110/S111 /S112	Saturated fatty acid crystallization with process tanks and vacuum filter system 1969	40 million lbs/year	--	--	--	10/18/10 SOP
PME02	Common headers: P102/P104/P105/ P106/P108 and S110/S111 /S112	Crude oleic crystallization with process tanks and vacuum filter system 1969	40 million lbs/year	--	--	--	10/18/10 SOP
PME04	Common headers: P102/P104/P105/ P106/P108 and S110/S111 /S112	Pure oleic crystallization with process tanks and vacuum filter system 1969	40 million lbs/year	--	--	--	10/18/10 SOP
PME06	--	Conjugation Reactors with heated units (unvented) 1969	9.8 million lbs/yr	--	--	--	10/18/10 SOP
PME07	R-201-R WFE	Acidulator and Wiped Film Evaporator, 1969 Acidulator Wiped Film Evaporator	9.8 million lbs/yr 40 million lbs/year	--	--	--	10/18/10 SOP

PME09	--		Tank details are listed under insignificant activities	--	--	--	10/18/10 SOP
-	-	Loading racks: Two truck loading racks, twelve rail loading racks, and one drum filling station	12,000 gal/hr Combined estimate	--	--	--	10/18/10 SOP

Wastewater Treatment Process, 1953-2003, 7.0 million gallons/day (including non-contact cooling water)

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description *	PCD ID	Pollutant Controlled	Applicable Permit Date
WWE00	-	Wastewater biological treatment system and oil separation unit 1953-2003	0.15 million gallons/day	--	--	--	10/18/10 SOP

*The Size/Rated capacity and PCD efficiency is provided for informational purposes only, and is not an applicable requirement.

Units 1 and Pamolyn Process Requirements - (Emission Groups ID# PME01, PME02, PME04, and PME06 through PME09)

Limitations

1. Production - The production of fatty acids by the Pamolyn process shall not exceed 40 million pounds per year, combined, calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.
(9VAC5-80-110 and Condition 4 of the 10/18/10 Permit)

2. Pamolyn Process Emission Limits - Total, point and fugitive emissions from the operation of the Pamolyn process shall not exceed the limits specified below:

   Volatile Organic Compounds 15.9 tons/yr

   These emissions are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits may be considered credible evidence of the exceedance of emission limits. Compliance with these emission limits may be determined as stated in Conditions 1, 3, and 9.
   (9VAC5-80-110 and Condition 6 of the 10/18/10 Permit)

Monitoring and Recordkeeping

3. On Site Records - The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Director, Tidewater Regional Office. These records shall, include, but are not limited to:

   a. Annual production (lbs/year) of fatty acids from the Pamolyn process, calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.

   b. Annual calculations for VOC and HAP emissions from point and fugitive emissions from the Pamolyn process using calculation methods approved by the Director, Tidewater Regional Office.

   c. Results of all visible emission evaluations.

   These records shall be available on site for inspection by the DEQ and shall be current for the most recent five years.
   (9VAC5-80-110 and Condition 9 of the 10/18/10 Permit)

Testing

4. Testing - If further testing is conducted in addition to the monitoring specified in this permit, the permittee shall use the appropriate method(s) in accordance with procedures listed in 9VAC5-40-6740 or as approved by the DEQ. Samples taken as required by this permit, or otherwise, shall be analyzed in accordance with 1 VAC 30-45, Certification for Noncommercial Environmental Laboratories, or 1 VAC 3046, Accreditation for Commercial Environmental Laboratories.
(9VAC5-80-110)

Wastewater Treatment Process Requirements - Emission Group ID# WWE00

Limitations

5. Wastewater Throughput - The wastewater generated at each of the crystallization section (PME01, 02, and 04), the conjugation section (PME06), and the wiped film evaporator section (PME07) shall not exceed 3,650,000 gallons per year, calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.
(9VAC5-80-110 and Condition 5 of the 10/18/10 Permit)

6. Wastewater Treatment Process Emission Limits - Total point and fugitive emissions from the wastewater treatment process shall not exceed the limits specified below:

Volatile Organic Compounds	2.9 tons/yr

These emissions are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits may be considered credible evidence of the exceedance of emission limits. Compliance with these emission limits may be determined as stated in Conditions 5, 7, and 9.
(9VAC5-80-110 and Condition 7 of the 10/18/10 Permit)

Monitoring and Recordkeeping

7. On-Site Records - The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Director, Tidewater Regional Office. These records shall include, but are not limited to:

   a. Annual flow rate (gallons/year) of process wastewater generated at each of the crystallization section (PME01, 02, and 04), the conjugation section (PME06), and the wiped film evaporator section (PME07), calculated monthly as the sum of each consecutive 12-month period, using calculation methods approved by the Director, Tidewater Regional Office. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.

   b. Annual calculations for VOC and HAP emissions from point and fugitive emissions from the Wastewater Treatment process using calculation methods approved by the Director, Tidewater Regional Office.

   These records shall be available on site for inspection by the DEQ and shall be current for the most recent five years.
   (9VAC5-80-110 and Condition 9 of the 10/18/10 Permit)

Testing

8. Testing - If further testing is conducted in addition to the monitoring specified in this permit, the permittee shall use the appropriate method(s) in accordance with procedures listed in 9VAC5-40-6740 or as approved by the DEQ. Samples taken as required by this permit, or otherwise, shall be analyzed in accordance with 1 VAC 30-45, Certification for Noncommercial Environmental Laboratories, or 1 VAC 3046, Accreditation for Commercial Environmental Laboratories.
(9VAC5-80-110)

Facility-Wide Conditions

Limitations

9. VOC Work Practice Standards -

   a. Fugitive Volatile Organic Compound (VOC) emissions from containers, tanks, vats, drums, and transfer piping systems shall be minimized by taking measures, to the extent practicable, consistent with air pollution control practices for minimizing such emissions. Equipment, containers, tanks, vats, drums, and piping systems located at the facility shall be free of cracks, holes, leaks, and other defects that would otherwise result in unnecessary emissions of VOCs to the atmosphere.

   b. At all times the disposal of volatile organic compounds shall be accomplished by taking measures, to the extent practicable, consistent with air pollution control practices for minimizing emissions. Volatile organic compounds shall not be intentionally spilled, discarded in sewers which are not connected to a treatment plant, or stored in open containers, or handled in any other manner that would result in evaporation beyond that consistent with air pollution practices for minimizing emissions.

   c. Notwithstanding the above paragraphs, drips of tall oil fatty acids from rotating equipment (e.g. crystallizers, filters, pumps, vacuum pumps, and horizontal tank agitators) may be collected via hard or flexible piped systems which have openings at the collection points, or may be collected via containers so long as the containers are routinely inspected and emptied to minimize accumulation.

   d. Notwithstanding the above paragraphs, drips of tall oil fatty acids from sample points may be collected via containers so long as the containers are routinely inspected and emptied to minimize accumulation.

   (9VAC5-80-110 and Condition 3 of the 10/18/10 Permit)

10. Facility-Wide Emission Limits - Total point and fugitive emissions from all plant operations shall not exceed the limits specified below:

Volatile Organic Compounds	18.8 tons/yr
All Hazardous Air Pollutants	0.6 tons/yr

    These emissions are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits may be considered credible evidence of the exceedance of emission limits. Compliance with these emission limits may be determined as stated in Condition numbers 1, 3, 5, 7, 9, and 12.
    (9VAC5-80-110 and Condition 8 of the 10/18/10 Permit)

11. Violation of Ambient Air Quality Standard - The permittee shall, upon request of the DEQ, reduce the level of operation or shut down a facility, as necessary to avoid violating any primary ambient air quality standard and shall not return to normal operation until such time as the ambient air quality standard will not be violated.
(9VAC5-80-110 and Condition 13 of the 10/18/10 Permit)

Monitoring and Recordkeeping

12. The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Director, Tidewater Regional Office. These records shall include, but are not limited to:

    a. Material Safety Data Sheets (MSDS), Certified Product Data Sheets (CPDS), or other vendor information as approved by DEQ showing VOC content and hazardous air pollutants (HAP) content for each heat transfer fluid or other VOC containing liquids used.

    These records shall be available on site for inspection by the DEQ and shall be current for the most recent five years.
    (9VAC5-80-110 and Condition 9 of the 10/18/10 Permit)

Testing

13. Testing - If further testing is conducted in addition to the monitoring specified in this permit, the permittee shall use the appropriate method(s) in accordance with procedures listed in 9VAC5-40-6740 or as approved by the DEQ. Samples taken as required by this permit, or otherwise, shall be analyzed in accordance with 1 VAC 30-45, Certification for Noncommercial Environmental Laboratories, or 1 VAC 3046, Accreditation for Commercial Environmental Laboratories.
(9VAC5-80-110)

Insignificant Emission Units

14. Insignificant Emission Units - The following emission units at the facility are identified in the application as insignificant emission units under 9VAC5-80-720:

PME01

Emission Unit No.	Emission Unit Description	Citation	Pollutants Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
P104	Process tank, fatty acid, 10,000 gal 1969	9VAC5-80-720 B	VOC	--

PME02

Emission Unit No.	Emission Unit Description	Citation	Pollutants Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
P105	Process tank, fatty acid, 10,000 gal 1969	9VAC5-80-720 B	VOC	--
P106	Process tank, crude oleic, 5,300 gal 2015	9VAC5-80-720 B	VOC	--

PME04

Emission Unit No.	Emission Unit Description	Citation	Pollutants Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
P102	Process tank, fatty acid, 5,300 gal 1969	9VAC5-80-720 B	VOC	--
P108	Process tank, fatty acid, 5,300 gal 2015	9VAC5-80-720 B	VOC	--
T119	Fatty acid/acetone, 5,000 gal 1969	9VAC5-80-720 B	VOC	--

PME07

Emission Unit No.	Emission Unit Description	Citation	Pollutants Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
R-210-R	Process tank, fatty acid, 1,000 gal 1969	9VAC5-80-720 B	VOC	--
T208	Fatty Acid/$NaSO_4$ solution, 1,000 gal 2012	9VAC5-80-720 B	VOC	--
T213	Fatty acid, 150 gal 1969	9VAC5-80-720 B	VOC	--
T213-1	Fatty acid, 1,000 gal 1969	9VAC5-80-720 B	VOC	--
T69	Fatty acid, 270 gal 1969	9VAC5-80-720 B	VOC	--
Cottonseed oil vat	Cotton seed oil, 100 gal	9VAC5-80-720 B	VOC	--

PME08

Emission Unit No.	Emission Unit Description	Citation	Pollutants Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
T210	Heat transfer fluid (no HAP), 84 gal	9VAC5-80-720 B	VOC	--
T214	Heat transfer fluid (containing biphenyl), 470 gal	9VAC5-80-720 B	VOC	--

PME09

Emission Unit No.	Emission Unit Description	Citation	Pollutants Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
P101	Fatty acid, 15,000 gal 1969	9VAC5-80-720 B	VOC	--
P118	Fatty acid, 15,220 gal 1969	9VAC5-80-720 B	VOC	--
P116A	Fatty acid, 5,300 gal 2016	9VAC5-80-720 B	VOC	--
P116B	Fatty acid, 5,300 gal 2016	9VAC5-80-720 B	VOC	--
P303	Fatty acid, 4,900 gal 1969	9VAC5-80-720 B	VOC	--
P641	Fatty acid, 4,900 gal 1969	9VAC5-80-720 B	VOC	--
P642	Fatty acid, 4,900 gal 1969	9VAC5-80-720 B	VOC	--
T31	Fatty acid, 48,000 gal Pre-7/23/1984	9VAC5-80-720 B	VOC	--
T32	Fatty acid, 48,000 gal Pre-7/23/1984	9VAC5-80-720 B	VOC	--
T33	Fatty acid, 48,000 gal Pre-7/23/1984	9VAC5-80-720 B	VOC	--
T34	Fatty acid, 48,000 gal Pre-7/23/1984	9VAC5-80-720 B	VOC	--
T35	Fatty acid, 48,000 gal Pre-7/23/1984	9VAC5-80-720 B	VOC	--
T36	Fatty acid, 48,000 gal Pre-7/23/1984	9VAC5-80-720 B	VOC	--
T37	Fatty acid, 9,100 gal Pre-7/23/1984	9VAC5-80-720 B	VOC	--
T38	Fatty acid, 11,200 gal Pre-7/23/1984	9VAC5-80-720 B	VOC	--
T451	Fatty acid, 275,000 gal 2003	9VAC5-80-720 B	VOC	--
T452	Fatty acid, 110,000 gal 2003	9VAC5-80-720 B	VOC	--
P39	Fatty acid, 16,300 gal 1967	9VAC5-80-720 B	VOC	--
P40	Fatty acid, 26,300 gal 1967	9VAC5-80-720 B	VOC	--
P117-1	Fatty acid, 5,300 gal 1969	9VAC5-80-720 B	VOC	--
P117-2	Fatty acid, 5,300 gal 1969	9VAC5-80-720 B	VOC	--
P202	Fatty acid, 9,800 gal 1969	9VAC5-80-720 B	VOC	--
P409	Fatty acid, 10,000 gal 1974	9VAC5-80-720 B	VOC	--
P406	Fatty acid, 24,000 gal 1974	9VAC5-80-720 B	VOC	--

Emission Unit No.	Emission Unit Description	Citation	Pollutants Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
P206	Fatty acid, 9,980 gal 1969	9VAC5-80-720 B	VOC	--
P216	Fatty acid, 8,880 gal 1971	9VAC5-80-720 B	VOC	--
P205	Fatty acid, 1,600 gal 1999	9VAC5-80-720 B	VOC	--
P401	Fatty acid, 9,800 gal 1969	9VAC5-80-720 B	VOC	--
P402	Fatty acid, 49,000 gal 1969	9VAC5-80-720 B	VOC	--
P403	Fatty acid, 49,000 gal 1969	9VAC5-80-720 B	VOC	--
P405	Fatty acid, 24,000 gal 2016	9VAC5-80-720 B	VOC	--
P407	Fatty acid, 24,000 gal 1974	9VAC5-80-720 B	VOC	--
P408	Fatty acid, 24,000 gal 1974	9VAC5-80-720 B	VOC	--
P410	Fatty acid, 24,000 gal 1974	9VAC5-80-720 B	VOC	--
P411	Fatty acid, 24,000 gal 1974	9VAC5-80-720 B	VOC	--
P412	Fatty acid, 24,000 gal 1974	9VAC5-80-720 B	VOC	--
P413	Fatty acid, 24,000 gal 2016	9VAC5-80-720 B	VOC	--
P416	Fatty acid, 9,240 gal 1963	9VAC5-80-720 B	VOC	--
P417	Fatty acid, 9,520 gal 2003	9VAC5-80-720 B	VOC	--
P415	Fatty acid, 15,800 gal 1968	9VAC5-80-720 B	VOC	--
P3	Fatty acid, 50,000 gal 2003	9VAC5-80-720 B	VOC	--
T610	Fatty Acid/Oil Collection, 12,000 gal	9VAC5-80-720 B	VOC	--
T204	Fatty Acid/ $NaSO_4$ solution, 10,000 gal 1969, replaced 2005	9VAC5-80-720 B	VOC	--

WWE01

Emission Unit No.	Emission Unit Description	Citation	Pollutants Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
WWE01	Wastewater Treatment Process, car wash pit, 45,000 gal 1956 (replaced 2011)	9VAC5-80-720 B	VOC	--
T-614	Pamolyn Wastewater Decant Tank 12,300 gallon, 2017	9VAC5-80-720 B	VOC	--

WWE02

Emission Unit No.	Emission Unit Description	Citation	Pollutants Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
T602	Wet Well Collection Sump, 1,950 gal 1956	9VAC5-80-720 B	VOC	--

WWE04

Emission Unit No.	Emission Unit Description	Citation	Pollutants Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
T604	Skimmed Oil Tank, (Tank T610 in PME09 is secondary), 1,000 gal 1989	9VAC5-80-720 B	VOC	**--**

WWE05

Emission Unit No.	Emission Unit Description	Citation	Pollutants Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
S-100	Oil-Water Separator, 930 gal 1995	9VAC5-80-720 B	VOC	--
T-603	Wastewater Holding Tank, 2,260 gal 1989	9VAC5-80-720 B	VOC	--

WWE06

Emission Unit No.	Emission Unit Description	Citation	Pollutants Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
T605	Storm Water Holding Tank, 620,000 gal 1994	9VAC5-80-720 B	VOC	--

WWE07

Emission Unit No.	Emission Unit Description	Citation	Pollutants Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
T601	Equalization Tank, 250,000 gal 1996	9VAC5-80-720 B	VOC	--

WWE07A

Emission Unit No.	Emission Unit Description	Citation	Pollutants Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
T606	Mix Tank, 5,000 gal 1996	9VAC5-80-720 B	VOC	--

WWE08

Emission Unit No.	Emission Unit Description	Citation	Pollutants Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
T608	Aeration Basin/Clarifier, 214,000 ga1/36,000 gal 2003	9VAC5-80-720 B	VOC	--

WWE09

Emission Unit No.	Emission Unit Description	Citation	Pollutants Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
T607	Sludge Holding Tank 2012, 12,000 gal	9VAC5-80-720 B	VOC	--
T609	Filtrate Sump, 2003, 350 gal	9VAC5-80-720 B	VOC	--
BP-607-1	Belt Filter Press, 2003	9VAC5-80-720 B	VOC	--
--	Sludge overflow tank, 360 gallons, 2015	9VAC5-80-720 B	VOC	--

WWE10

Emission Unit No.	Emission Unit Description	Citation	Pollutants Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
"Frac" / Tanks	Treated wastewater temporary storage tanks, up to 20,000 gal	9VAC5-80-720 B	VOC	--
T54	Emergency wastewater storage, 589,000 gal 2003	9VAC5-80-720 B	VOC	--
T450	Emergency wastewater storage, 243,000 gal 2003	9VAC5-80-720 B	VOC	--

Non-VOC Tanks

Emission Unit No.	Emission Unit Description	Citation	Pollutants Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
T200	Caustic soda storage, 1969, 5,000 gal	9VAC5-80-720A	N/A	--
T400	Caustic soda storage, 1969, 10,750 gal	9VAC5-80-720A	N/A	--
T203	Sulfuric acid storage, 2018, 6,150 gal	9VAC5-80-720A	N/A	--
T103	Dry acetone storage, 1969, 2,000 gal	9VAC5-80-720A	N/A	--
T404	Dry acetone storage, 1969, 13,500 gal	9VAC5-80-720A	N/A	--
T404A	Dry acetone storage, 1973, 24,000 gal	9VAC5-80-720A	N/A	--
T302	Dry acetone storage, 1969, 2,250 gal	9VAC5-80-720A	N/A	--
Ammonia-based Refrigeration System	Approximately 300 lbs/yr consumption of NH_3	9VAC5-80-720B	VOC	--
Carbon Dioxide- based Refrigeration System	Approximately 20 tons/yr CO_2 loss	9VAC5-80-720A	N/A	--

These emission units are presumed to be in compliance with all requirements of the federal Clean Air Act as may apply. Based on this presumption, no monitoring, recordkeeping, or reporting shall be required for these emission units in accordance with 9VAC5-80-110. (9VAC5-80-110)

Permit Shield & Inapplicable Requirements

15. Permit Shield & Inapplicable Requirements - Compliance with the provisions of this permit shall be deemed compliance with all applicable requirements in effect as of the permit issuance date as identified in this permit. This permit shield covers only those applicable requirements covered by terms and conditions in this permit and the following requirements which have been specifically identified as being not applicable to this permitted facility:

Citation	Title of Citation	Description of Applicability
9VAC5-40-300	Standards for VOCs for General Process Operations.	Facilities located in a VOC control area (9VAC5-20-206).
9VAC5-40-3410 et seq. (Rule 4-25)	Emission Standards For Volatile Organic Compound Storage and Transfer Operations.	Facilities located in a VOC control area (9VAC5-20-206).
40 CFR 60, Subpart D, Da, Db, and Dc	NSPS for Boilers and Electric Generating Units	Fuel combustion sources meeting the definitions of affected units under those standards.
40 CFR 60, Subpart K and Ka	NSPS for Storage Vessels for Petroleum Liquids	Petroleum Storage Vessels constructed, reconstructed, or modified during certain date ranges as specified in the standards.
40 CFR 60, Subpart Kb	NSPS for Storage Vessels for Volatile Organic Liquid Storage Vessels	Volatile Organic Liquid Storage Vessels constructed, reconstructed, or modified after July 23, 1984.
40 CFR 60, Subpart O	NSPS for Sewage Treatment Plants	Incinerators that combust wastes containing Municipal Sewage Sludge.
40 CFR 60, Subpart VV and VVa	NSPS for equipment leaks of VOC in the SOCMI	Facilities that produces as intermediates or final products chemicals listed in 40 CFR 60.489
40 CFR 60, Subpart III	NSPS for VOC Emissions from the Synthetic Organic Chemical Manufacturing Industry (SOMCI) Air Oxidation Unit Processes.	SOCMI emission units that meet the definition of "air oxidation process" in 40 CFR 60.611.
40 CFR 60, Subpart NNN	NSPS for VOC Emissions from SOCMI Distillation Operations.	SOCMI distillation processes that was in existence on December 20, 1983, and produces chemicals listed in 40 CFR 60.667.
40 CFR 60, Subpart RRR	NSPS for VOC Emissions from SOCMI Reactor Processes.	SOCMI reactor processes that produce chemicals listed in 40 CFR 60.707.
40 CFR 60, Subparts IIII and JJJJ	NSPS for Stationary Compression Ignition Internal Combustion Engines and Stationary Spark Ignition Internal Combustion Engines, respectively.	Stationary Internal Combustion Engines
40 CFR 61, Subpart Y	National Emission Standards for Benzene Emissions from Benzene Storage Vessels	Storage vessels that store benzene.

Citation	Title of Citation	Description of Applicability
40 CFR 61, Subpart BB	National Emission Standards for Benzene Emissions from Benzene Transfer Operations	Loading racks that handle benzene.
40 CFR 63, Subparts F, G, H, and I	Hazardous Organic NESHAP (HON) MALT.	SOCMI major HAP sources that meet the criteria of 40 CFR 63.100 (b)(1) to ([3]).
40 CFR 63, Subpart Q	Cooling Tower MACT.	Facilities that had previously used chromium-based water treatment chemicals in the cooling towers.;
40 CFR 63, Subpart T	National Emission Standards for Halogenated Solvent Cleaning	Cleaning machines using certain, halogenated solvents.
40 CFR 63, Subpart DD	NESHAP for Off-Site Waste and Recovery Operations	Major HAP sources that receives wastes from off-site
40 CFR 63, Subpart EEE	NESHAP for Hazardous Waste Combustors	Hazardous waste combustors at any major or area HAP sources.
40 CFR 63, Subpart EEEE	NESHAP for Organic Liquids Distribution (Non-Gasoline)	HAP emissions from Organic Liquid Distribution Operation (non-gasoline) at major HAP sources.
40 CFR 63, Subpart FFFF	NESHAP for Miscellaneous Organic Chemical Manufacturing	Chemical Manufacturing Process Units at major HAP sources that process, use, or produce HAPs.
40 CFR 63, Subpart ZZZZ	National Emission Standards For Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE)	RICE at major HAP sources.
40 CFR 63, Subpart DDDDD	NESHAP for Industrial, Commercial and Institutional Boilers and Process Heaters	Industrial, Commercial and Institutional Boilers and Process Heaters at major HAP sources
40 CFR 63, Subpart GGGGG	National Emission Standards For Hazardous Air Pollutants: Site Remediation	HAP emissions from remediation activities at major HAP sources
40 CFR 64	CAM rule	Units with emission control device and potential uncontrolled emissions above certain thresholds
40 CFR 68	Chemical Accident Prevention Provisions	Facilities that store or use chemicals in quantities greater than the thresholds defined in the rule

Nothing in this permit shield shall alter the provisions of §303 of the federal Clean Air Act, including the authority of the administrator under that section, the liability of the owner for any violation of applicable requirements prior to or at the time of permit issuance, or the ability to obtain information by (i) the administrator pursuant to §114 of the federal Clean Air Act, (ii) the Board pursuant to §10.1-1314 or §10.1-1315 of the Virginia Air Pollution Control Law or (iii) the Department pursuant to §10.1-1307.3 of the Virginia Air Pollution Control Law.
(9VAC5-80-110 and 9VAC5-80-140)

General Conditions

16. Federal Enforceability - All terms and conditions in this permit are enforceable by the administrator and citizens under the federal Clean Air Act, except those that have been designated as only state-enforceable.
(9VAC5-80-110)

17. Permit Expiration

    a. This permit has a fixed term of five years. The expiration date shall be the date five years from the date of issuance. Unless the owner submits a timely and complete application for renewal to the Department consistent with the requirements of 9VAC5-80-80, the right of the facility to operate shall be terminated upon permit expiration.

    b. The owner shall submit an application for renewal at least six months but no earlier than eighteen months prior to the date of permit expiration.

    c. If an applicant submits a timely and complete application for an initial permit or renewal under 9VAC5-80-80 F, the failure of the source to have a permit or the operation of the source without a permit shall not be a violation of Article 1, Part II of 9VAC5 Chapter 80, until the Board takes final action on the application under 9VAC5-80-150.

    d. No source shall operate after the time that it is required to submit a timely and complete application under subsections C and D of 9VAC5-80-80 for a renewal permit, except in compliance with a permit issued under Article 1, Part II of 9VAC5 Chapter 80.

    e. If an applicant submits a timely and complete application under section 9VAC5-80-80 for a permit renewal but the Board fails to issue or deny the renewal permit before the end of the term of the previous permit, (i) the previous permit shall not expire until the renewal permit has been issued or denied and (ii) all the terms and conditions of the previous permit, including any permit shield granted pursuant to 9VAC5-80-140, shall remain in effect from the date the application is determined to be complete until the renewal permit is issued or denied.

    f. The protection under subsections F 1 and F 5 (ii) of section 9VAC5-80-80 F shall cease to apply if, subsequent to the completeness determination made pursuant section 9VAC5-80-80 D, the applicant fails to submit by the deadline specified in writing by the Board any additional information identified as being needed to process the application.

    (9VAC5-80-80, 9VAC5-80-110, and 9VAC5-80-170)

18. Recordkeeping and Reporting - All records of monitoring information maintained to demonstrate compliance with the terms and conditions of this permit shall contain, where applicable, the following:

    a. The date, place as defined in the permit, and time of sampling or measurements;

    b. The date(s) analyses were performed;

    c. The company or entity that performed the analyses;

    d. The analytical techniques or methods used;

    e. The results of such analyses; and

    f. The operating conditions existing at the time of sampling or measurement.

    (9VAC5-80-110)

19. Recordkeeping and Reporting - Records of all monitoring data and support information shall be retained for at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. (9VAC5-80-110)

20. Recordkeeping and Reporting - The permittee shall submit the results of monitoring contained in any applicable requirement to DEQ no later than March 1 and September 1 of each calendar year. This report must be signed by a responsible official, consistent with 9VAC5-80-80 G, and shall include:

    a. The time period included in the report. The time periods to be addressed are January 1 to June 30 and July 1 to December 31; and

    b. All deviations from permit requirements. For purpose of this permit, deviations include, but are not limited to:

        i. Exceedances of emissions limitations or operational restrictions;

        ii. Excursions from control device operating parameter requirements, as documented by continuous emission monitoring or periodic monitoring, or Compliance Assurance Monitoring (CAM) which indicates an exceedance of emission limitations or operational restrictions; or,

iii. Failure to meet monitoring, recordkeeping, or reporting requirements contained in this permit.

c. If there were no deviations from permit conditions during the time period, the permittee shall include a statement in the report that "no deviations from permit requirements occurred during this semiannual reporting period."

(9VAC5-80-110)

21. Annual Compliance Certification - Exclusive of any reporting required to assure compliance with the terms and conditions of this permit or as part of a schedule of compliance contained in this permit, the permittee shall submit to EPA and DEQ no later than March 1 each calendar year a certification of compliance with all terms and conditions of this permit including emission limitation standards or work practices for the period ending December 31. The compliance certification shall comply with such additional requirements that may be specified pursuant to §114(a)(3) and §504(b) of the federal Clean Air Act. The permittee shall maintain a copy of the certification for five (5) years after submittal of the certification. This certification shall be signed by a responsible official, consistent with 9VAC5-80-80 G, and shall include:

a. The time period included in the certification. The time period to be addressed is January 1 to December 31;

b. The identification of each term or condition of the permit that is the basis of the certification;

c. The compliance status;

d. Whether compliance was continuous or intermittent, and if not continuous, documentation of each incident of non-compliance;

e. Consistent with subsection 9VAC5-80-110, the method or methods used for determining the compliance status of the source at the time of certification and over the reporting period;

f. Such other facts as the permit may require to determine the compliance status of the source; and

g. One copy of the annual compliance certification shall be submitted to EPA in electronic format only. The certification document should be sent to the following electronic mailing address:

R3_APD_Permits@epa.gov
(9VAC5-80-110)

22. Permit Deviation Reporting - The permittee shall notify the Tidewater Regional Office within four daytime business hours after discovery of any deviations from permit requirements which may cause excess emissions for more than one hour, including those attributable to upset conditions as may be defined in this permit. In addition, within 14 days of the discovery, the permittee shall provide a written statement explaining the problem, any corrective actions or preventative measures taken, and the estimated duration of the permit deviation. The occurrence should also be reported in the next semiannual compliance monitoring report pursuant to Condition 20 of this permit.
(9VAC5-80-110 F.2)

23. Failure/Malfunction Reporting - In the event that any affected facility or related air pollution control equipment fails or malfunctions in such a manner that may cause excess emissions for more than one hour, the owner shall no later than four daytime business hours after the malfunction is discovered, notify the Tidewater Regional Office such failure or malfunction and within 14 days provide a written statement giving all pertinent facts, including the estimated duration of the breakdown. When the condition causing the failure or malfunction has been corrected and the equipment is again in operation, the owner shall notify the Tidewater Regional Office.
(9VAC5-80-110 and 9VAC5-20-180)

24. Severability - The terms of this permit are severable. If any condition, requirement or portion of the permit is held invalid or inapplicable under any circumstance, such invalidity or inapplicability shall not affect or impair the remaining conditions, requirements, or portions of the permit.
(9VAC5-80-110)

25. Duty to Comply - The permittee shall comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the federal Clean Air Act or the Virginia Air Pollution Control Law or both and is ground for enforcement action; for permit termination, revocation and reissuance, or modification; or, for denial of a permit renewal application.
(9VAC5-80-110)

26. Need to Halt or Reduce Activity not a Defense - It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
(9VAC5-80-110)

27. Permit Modification - A physical change in, or change in the method of operation of, this stationary source may be subject to permitting under State Regulations 9VAC5-80-50, 9VAC5-80-1100, 9VAC5-80-1605, or 9VAC5-80-2000 and may require a permit modification and/or revisions except as may be authorized in any approved alternative operating scenarios.
(9VAC5-80-110, 9VAC5-80-190, and 9VAC5-80-260)

28. Property Rights - The permit does not convey any property rights of any sort, or any exclusive privilege.
(9VAC5-80-110)

29. Duty to Submit Information - The permittee shall furnish to the Board, within a reasonable time, any information that the Board may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Board copies of records required to be kept by the permit and, for information claimed to be confidential, the permittee shall furnish such records to the Board along with a claim of confidentiality.
(9VAC5-80-110)

30. Duty to Submit Information - Any document (including reports) required in a permit condition to be submitted to the Board shall contain a certification by a responsible official that meets the requirements of 9VAC5-80-80 G.
(9VAC5-80-110)

31. Duty to Pay Permit Fees - The owner of any source for which a permit was issued under 9VAC5-80-50 through 9VAC5-80-300 shall pay annual emissions fees, as applicable, consistent with the requirements of 9VAC5-80-310 through 9VAC5-80-350 and annual maintenance fees, as applicable, consistent with the requirements of 9VAC5-80-2310 through 9VAC5-80-2350.
(9VAC5-80-110, 9VAC5-80-310 et seq., and 9VAC5-80-2310 et seq.)

32. Fugitive Dust Emission Standards - During the operation of a stationary source or any other building, structure, facility, or installation, no owner or other person shall cause or permit any materials or property to be handled, transported, stored, used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne. Such reasonable precautions may include, but are not limited to, the following:

    a. Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of land;

    b. Application of asphalt, water, or suitable chemicals on dirt roads, materials stockpiles, and other surfaces which may create airborne dust; the paving of roadways and the maintaining of them in a clean condition;

    c. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty material. Adequate containment methods shall be employed during sandblasting or similar operations;

d. Open equipment for conveying or transporting material likely to create objectionable air pollution when airborne shall be covered or treated in an equally effective manner at all times when in motion; and,

e. The prompt removal of spilled or tracked dirt or other materials from paved streets and of dried sediments resulting from soil erosion.

(9VAC5-80-110 and 9VAC5-40-90)

33. Startup, Shutdown, and Malfunction - At all times, including periods of startup, shutdown, and soot blowing, and malfunction, owners shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with air pollution control practices for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Board, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
(9VAC5-80-110 and 9VAC5-40-20 E)

34. Alternative Operating Scenarios - Contemporaneously with making a change between reasonably anticipated operating scenarios identified in this permit, the permittee shall record in a log at the permitted facility a record of the scenario under which it is operating. The permit shield described in 9VAC5-80-140 shall extend to all terms and conditions under each such operating scenario. The terms and conditions of each such alternative scenario shall meet all applicable requirements including the requirements of 9VAC5 Chapter 80, Article 1.
(9VAC5-80-110)

35. Inspection and Entry Requirements - The permittee shall allow DEQ, upon presentation of credentials and other documents as may be required by law, to perform the following:

a. Enter upon the premises where the source is located or emissions-related activity is conducted, or where records must be kept under the terms and conditions of the permit.

b. Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of the permit.

c. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit.

d. Sample or monitor at reasonable times' substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

(9VAC5-80-110)

36. Reopening for Cause - The permit shall be reopened by the Board if additional federal requirements become applicable to a major source with a remaining permit term of three years or more. Such reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to 9VAC5-80-80 F. The conditions for reopening a permit are as follows:

    a. The permit shall be reopened if the Board or the administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

    b. The permit shall be reopened if the administrator or the Board determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

    c. The permit shall not be reopened by the Board if additional applicable state requirements become applicable to a major source prior to the expiration date established under 9VAC5-80-110 D.

    (9VAC5-80-110)

37. Permit Availability - Within five days after receipt of the issued permit, the permittee shall maintain the permit on the premises for which the permit has been issued and shall make the permit immediately available to DEQ upon request.
(9VAC5-80-110 and 9VAC5-80-150)

38. Transfer of Permits

    a. No person shall transfer a permit from one location to another, unless authorized under 9VAC5-80-130, or from one piece of equipment to another.

    b. In the case of a transfer of ownership of a stationary source, the new owner shall comply with any current permit issued to the previous owner. The new owner shall notify the Board of the change in ownership within 30 days of the transfer and shall comply with the requirements of 9VAC5-80-200.

c. In the case of a name change of a stationary source, the owner shall comply with any current permit issued under the previous source name. The owner shall notify the Board of the change in source name within 30 days of the name change and shall comply with the requirements of 9VAC5-80-200.

(9VAC5-80-110 and 9VAC5-80-160)

39. Permit Revocation or Termination for Cause - A permit may be revoked or terminated prior to its expiration date if the owner knowingly makes material misstatements in the permit application or any amendments thereto or if the permittee violates, fails, neglects or refuses to comply with the terms or conditions of the permit, any applicable requirements, or the applicable provisions of 9VAC5 Chapter 80 Article 1. The Board may suspend, under such conditions and for such period of time as the Board may prescribe any permit for any grounds for revocation or termination or for any other violations of these regulations.
(9VAC5-80-110, 9VAC5-80-190 C, and 9VAC5-80-260)

40. Duty to Supplement or Correct Application - Any applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrections. An applicant shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete application was filed but prior to release of a draft permit.
(9VAC5-80-110 and 9VAC5-80-80 E)

41. Stratospheric Ozone Protection - If the permittee handles or emits one or more Class I or II substances subject to a standard promulgated under or established by Title VI (Stratospheric Ozone Protection) of the federal Clean Air Act, the permittee shall comply with all applicable sections of 40 CFR Part 82, Subparts A to F.
(9VAC5-80-110 and 40 CFR Part 82)

42. Asbestos Requirements - The permittee shall comply with the requirements of National Emissions Standards for Hazardous Air Pollutants (40 CFR 61) Subpart M, National Emission Standards for Asbestos as it applies to the following: Standards for Demolition and Renovation (40 CFR 61.145), Standards for Insulating Materials (40 CFR 61.148), and Standards for Waste Disposal (40 CFR 61.150).
(9VAC5-60-70 and 9VAC5-80-110)

43. Accidental Release Prevention - If the permittee has more, or will have more than a threshold quantity of a regulated substance in a process, as determined by 40 CFR 68.115, the permittee shall comply with the requirements of 40 CFR Part 68.
(9VAC5-80-110 and 40 CFR Part 68)

44. Changes to Permits for Emissions Trading - No permit revision shall be required under any federally approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit. (9VAC5-80-110)

45. Emissions Trading - Where the trading of emissions increases and decreases within the permitted facility is to occur within the context of this permit and to the extent that the regulations provide for trading such increases and decreases without a case-by-case approval of each emissions trade:

    a. All terms and conditions required under 9VAC5-80-110, except subsection N, shall be included to determine compliance.

    b. The permit shield described in 9VAC5-80-140 shall extend to all terms and conditions that allow such increases and decreases in emissions.

    c. The owner shall meet all applicable requirements including the requirements of 9VAC5-80-50 through 9VAC5-80-300.

    (9VAC5-80-110)

State-Only Enforceable Requirements

46. State-Only Enforceable Requirements - Conditions 46 through 48 are not required under the federal Clean Air Act or under any of its applicable federal requirements, and are not subject to the requirements of 9VAC5-80-290 concerning review of proposed permits by EPA and draft permits by affected states.
(9VAC5-80-110 N and 9VAC5-80-300)

47. Emission Standards for Odor - The facility is subject to the Emission Standards for Odor in 9VAC5-40-130 et seq. (Rule 4-2), and the Standards of Performance for Odorous Emissions in 9VAC5-50-130 et seq. (Rule 5-2).
(9VAC5-80-110 N, 9VAC5-80-300, and Condition 18 of the 10/18/10 Permit)

48. Toxic Pollutant Emission Standards - The facility is subject to the Emission Standards for Toxic Pollutants from Existing Sources in 9VAC5-60-200 et seq. (Rule 6-4) and New and Modified Sources in 9VAC5-60-300 et seq. (Rule 6-5). "Toxic Pollutant" means any hazardous air pollutant (HAP) listed in section 112(b) of the federal Clean Air Act, as revised by 40 CFR 63.60, or any other air pollutant that the board determines to represent a significant risk to public health, as defined in 9VAC5-60-310.
(9VAC5-80-110 N, 9VAC5-80-300, and Condition 19 of the 10/18/10 Permit)